

View Online at <https://aerobasegroup.com/nsn/5905-00-740-8009>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7496 inches and 0.7500 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 3.172 inches and 3.250 inches

Undercut Diameter:

Between 1.6245 inches and 1.625 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

Between 2.370 inches and 2.375 inches

Shaft Diameter:

Between 0.2494 inches and 0.2499 inches

Shaft Length:

Between 0.907 inches and 0.969 inches

Body Length:

Between 2.265 inches and 2.281 inches

Overall Diameter:

Between 2.792 inches and 2.813 inches

Mounting Lip Diameter:

Between 1.8350 inches and 1.8400 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Mounting Hole/stud Circle Diameter:

Between 0.932 inches and 0.940 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Contact Arm Electrical Off Position:

Fully ccw

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3660.0

Maximum Starting Torque:

1.30 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Screw Thread Diameter:

0.164 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

50.000 kilohms single section

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

1800.0 single section

Rotary Actuator Travel In Angular Deg:

3660.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 single section

Ambient Temperature In Deg Celsius Per Section At Zero Percent Rated Power:

85.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

Single section linear

Ambient Temperature In Deg Celsius Per Section At Full Rated Power:

25.0 single section

Terminal Type And Quantity:

4 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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